

A34658-PCT-USA-I (072667.0186) PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Grosje

Grosjean-Cournoyer et al.

Serial No.:

10/614,923

Examiner: Unassigned

Filed:

July 8, 2003

Group Art Unit: Unassigned

For:

POLYNUCLEOTIDES FOR MUTAGENESIS IN FUNGUS COMPRISING A FUNCTIONAL GENE IN MAGNAPORTHE

AND AN IMPALA TRANPOSON

INFORMATION DISCLOSURE STATEMENT

I hereby certify that this paper is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, Alexandria, VA 22313-1450, on:

October 8, 2003

Date of Deposit

Rochelle K. Seide
Attorney Name

32,300

PTO Reg. No.

UWW .

October 8, 2003

Date of Signature

Commissioner of Patents and Trademarks

Alexandria, VA 22313-1450

Dear Sir:

Applicants respectfully request that the references listed in reverse chronological order in the attached PTO-Form 1449 be made of record in the United States Patent and Trademark Office relating to the above referenced application.

In accordance with 37 C.F.R. §1.98(d) copies of the identified references are not required to be provided because they were previously cited by or submitted to the Patent Office in the prior

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applications. Applicants have identified the prior applications and rely upon such prior applications

for an earlier filing date under 35 U.S.C. §§ 119 and 120. The present application is a divisional

application of U.S. Patent Application Serial No. 09/937,236, filed December 26, 2001, which is a

U.S. national stage filing of International PCT Application Serial No. PCT/FR00/00713, filed March

22, 1999.

Identification of any of the references listed in the attached PTO Form 1449 is not to be

construed as an admission of Applicants or Attorneys for Applicants that such references are

available as "prior art" against the accompanying application.

Applicants do not believe any fee is required herewith. If any fee is required in connection

with this communication, the Commissioner is authorized to deduct the requisite fee from deposit

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account number 02-4377. Duplicate copies of this communication are enclosed.

Respectfully submitted,

BAKER BOTTS L.L.P.

Rochelle K. Seide

PTO Reg. No. 32,300

Attorney for Applicant

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Enclosure

NY02:460648.1

Page 2 of 2 Serial No. Form PTO-1449 U.S. Department of Commerce Atty. Docket No. (REV. 2-82) Patent and Trademark Office 10/614,923 A34658-PCT-USA-I (072667.0186) Applicant INFORMATION DISCLOSURE STATEMENT Grosjean-Cournoyer et al. BY APPLICANT several sheets if necessary) Filing Date Group To Be Assigned July 8, 2003 OCT 1 0 2603 U.S. PATENT DOCUMENTS *Exam. Filing Date Init. Document No. Date Name Class Subclass ifAppropriate FOREIGN PATENT DOCUMENT **Translation** Document No. Date Country Class SubClass Yes OTHER DOCUMENTS (including Author, Title Date, Pertinent Pages, Etc.) Balhadere PV, Talbot NJ. PDE1 encodes a P-type ATPase involved in appressorium-mediated plant infection by the rice blast fungus Magnaporthe grisea. Plant Cell 2001 Sep:13(9):1987-2004. 2. Ikeda K, Nakayashiki H, Takagi M, Tosa Y, Mayama S. Heat shock, copper sulfate and oxidative stress activate the retrotransposon MAGGY resident in the plant pathogenic fungus Magnaporthe grisea. Mol Genet Genomics 2001;266:318-325. 3. Kang S, Lebrun MH, Farrall L, Valent B. Gain of virulence caused by insertion of a Pot3 transposon in a Magnaporthe grisea avirulence gene. Mol Plant Microbe Interact 2001 May;14(5):671-674. 4. Liu ZM, Kolattukudy PE. Early expression of the calmodulin gene, which precedes appressorium formation in Magnaporthe grisea, is inhibited by self-inhibitors and requires surface attachment. J Bacteriol 1999 Jun;181(11):3571-3577. 5. Urban M, Bhargava T, Hamer JE. An ATP-driven efflux pump is a novel pathogenicity factor in rice blast disease. EMBO J 1999 Feb 1;18(3):512-521. 6. Brown JS, Holden DW. Insertional mutagensis of pathogenic fungi. Curr. Opin. Microbiol. 1998;1:390-394.

NY02:460646.1Examiner Date Considered

Gen. Genet. 1998;259:354-362.

Biol 1998 Aug;24(3):285-297.

7.

8.

Hua-Van A, Hericourt F, Capy P, Daboussi MJ, Langin T. Three highly divergent subfamilies of the *impala* transposable element coexist in the genome of the fungus *Fusarium oxysporum*. Mol.

Lauge R, De Wit PJ. Fungal avirulence genes: structure and possible functions. Fungal Genet

^{*} Examiner: Initial citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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Form PTO-1449 U.S. Department of Commerce (REV. 2-82) Patent and Trademark Office

Atty. Docket No. A34658-PCT-USA-I (072667.0186) Serial No. 10/614,923

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use several sheets if necessary)

Applicant Grosjean-Cournoyer et al.

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Group
To Be Assigned

9.	Kachroo P, Ahuja M, Leong SA, Chattoo BB. Organisation and molecular analysis of repeated DNA sequences in the rice blast fungus <i>Magnaporthe grisea</i> . Curr. Genet. 1997;31:361-369.
10.	Daboussi MJ. Fungal transposable elements: generators of diversity and genetic tools. J. Genet. 1996;75:325-339.
11.	Farman ML, Taura S, Leong S. The <i>Magnaporthe grisea</i> DNA fingerprinting probe MGR586 contains the 3' end of an inverted repeat transponson. Mol. Gen. Genet. 1996;251:675-681.
12.	Xu JR, Hamer JE. MAP kinase and cAMP signaling regulate infection structure formation and pathogenic growth in the rice blast fungus <i>Magnaporthe grisea</i> . Genes Dev 1996 Nov 1;10(21):2696-706.
13.	Kang S, Sweigard JA, Valent B. The PWL host specificity gene family in the blast fungus Magnaporthe grisea. Mol Plant Microbe Interact 1995 Nov-Dec;8(6):939-948.
14.	Langin T, Capy P, Daboussi MJ. The transposable element <i>impala</i> , a fungal member of the <i>Tc1-mariner</i> superfamily. Mol. Gen. Genet. 1995;246:19-28.
15.	Daboussi MJ, Langin T. Transposable elements in the fungal plant pathogen Fusarium oxysporum. Genetica 1994;93:49-59.
16.	Lebrun M-H, Chumley F, Valent B. Molecular analysis of spontaneous mutations in <i>Magnaporthe grisea</i> . Fungal Genetics News Letter 1994;41A:52.
17.	Dobinson KF, Hamer JE. The ebb and flow of a fungal genome. Trends in Microbiology 1993;1:348-352.
18.	Talbot NJ, Ebbole DJ, Hamer JE. Identification and characterization of MPG1, a gene involved in pathogenicity from the rice blast fungus <i>Magnaporthe grisea</i> . Plant Cell 1993 Nov;5(11):1575-1590.
19.	Durand N, et al. Transformation of <i>Penicillium roqueforti</i> to phleomycin- and to hygromycin B-resistance. Current Genetics 1991;19:149-153.
20.	Langin T, Daboussi MJ, Gerlinger C, Brygoo Y. Influence of biological parameters and gene transfer technique on transformation of <i>Fusarium oxysporum</i> . Current Genetics 1990;17:313-319

NY02:460646.1Examiner

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